FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE

.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

A NO. ATTY. DOC URE02 P-310

SERIAL NO.

10/004733

Thomas M. Kurth et al.

FILING, DATE

APPLICANTS

GROUP 1762

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER						BER		DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
Ecc		6	1	7	4	5	0	1	01/16/01	Noureddini		-	
Ecc		6	1	2	1	3	9	8	09/19/00	Wool et al.			
Ecc		6	1	0	7	4	3	3	08/22/00	Petrovic et al.			
Ecc		6	0	8	0	8	5	3	06/27/00	Corrigan et al.		ĺ	
Ecc		6	0	1	5	4	4	0	01/18/00	Noureddini		1	
Ecc		5	9	4	5	5	2	9	08/31/99	Corrigan et al.		-	
Ecc		5	9	2	2	7	7	9	07/13/99	Hickey		ĺ	
Ecc		5	9	0	8	7	0	1	06/01/99	Jennings et al.			
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ودر		7	0	4	5	3	2	03/12/97	Australia				Х
Ecc	9	7	0	7	1	5	0	02/27/97	PCT			Abstract	
8 cc	9 8 0 7 7 7 7		02/26/98	PCT			Abstract						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
Ecc	Modern Plastics Encyclopedia, Vol. 45: No. 14A, pp 100-01, 113, 352, 354, 356, 358-360, October 1968.

EXAMINER		 DATE CONSIDERED	7/10/2
ERMA	CAMERON		1/19/03

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11	EXAMINER DOCUMENT NUMBER INITIAL						NUM	BER		DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
ε 6	ECC 5 8 1 1 1 2 9			9	09/22/98	Friedman et al.	-							
			5	7	9	5	9	4	9	08/18/98	Daute et al.			
			5	7	6	7	2	5	7	06/16/98	Schafermeyer et al.	_		
			5	7	6	6	7	0	4	06/16/98	Allen et al.			
			5	7	5	6	1	9	5	05/26/98	Allen et al.			
			5	7	1	0	1	9	0	01/20/98	Jane et al.			
			5	6	9	8	7	2	2	12/16/97	Cusumano et al.			
			5	6	8	1	9	4	8	10/28/97	Miller et al.			
9	Ecc 5 6 4 8 4 8 3		3	07/15/97	Granberg et al.									

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
E CC	Handbook of Chemistry and Physics, 1973-1974, Robert C. Weast, Ph.D.
ECC	Encyclopedia of Food Technology, Vol. 2, 1974, p. 818-828, Arnold H. Johnson, Ph.D. and Martin S. Peterson, Ph.D.

EXAMINER	ERMA	CAMERON	DATE CONSIDERED	7	19	03
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applicant.

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Ecc		5	6	2	9	4	3	4	05/13/97	Cusumano et al.			
ì		5	6	2	7	2	2	1	05/06/97	Schumacher et al.			
		5	5	7	6	0	2	7	11/19/96	Friedman et al.			
		5	5	7	1	9	3	5	11/05/96	Sekula et al.			
		5	5	0	4	2	0	2	04/02/96	Hutchison ·			
		5	4	9	6	8	6	9	03/05/96	Williams et al.			
		5	4	9	1	2	2	6	02/13/96	Kenneally			
		5	4	9	1	1	7	4	02/13/96	Grier et al.			
		5	4	8	2	9	8	0	01/09/96	Pcolinsky		-	
t cc		5	4	4	7	9	6	3	09/05/95	Pcolinsky et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DO	OCUMI	ENT 1	JUMB	ER		DATE	COU	NTRY	CLASS	SUB- CLASS		ISLA- ION
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
	Soybeans: Chemistry and Technology, Vol. 1, Allan K. Smith, Ph.D. and Sidney J. Circle, Ph.D.
	Rigid Plastics Foams 2nd Edition T.H. Ferrigno

EXAMINER	ERMA	CAMERON	DATE CONSIDERED	7/19/	03

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Ecc		5	4	4	0	0	2	7	08/08/95	Hasenhuettl			
Ecc		5	3	9	7	8	1	0	03/14/95	Ozaki et al.			
Ecc		5	3	2	4	8	4	6	06/28/94	Hirshman et al.			
Ecc		5	2	7	4	1	4	5	12/28/93	Gubelmann			
Ecc		5	2	3	1	1	9	9	07/27/93	Willemse			
Ecc		5	2	2	5	0	4	9	07/06/93	Barmentlo et al.			
Ecc		5	1	9	4	2	8	1	03/16/93	Johnston et al.			
Ecc	i	5	1	2	6	4	9	4	06/30/92	Gilheany et al.			
Ecc		5	1	0	6	9	6	7	04/21/92	Mazur			
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
	 Handbook of Soy Oil Processing and Utilization, entitled Composition of Soybean Oil," Chap. 2, E. H. Pryde, pp 13-19.

EXAMINER	ERMA	CAMERO	N	DATE CONSIDEREI	7	119	03
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FORM PTO-1449 U.S. DEFARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE	ATTY. DOCKST NO. URE02 P-310	SERIAL NO.
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EXAMINER INITIAL	DOCUMENT NUMBER				BER		DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE	
ECC	5	1	0	6	8	7	4	04/21/92	Porter et al.		-	
	5	1	0	4	9	1	0	04/14/92	Turner et al.			
	5	1	0	4	6	9	3	04/14/92	Jenkines	_		
	5	0	7	1	9	7	5	12/10/91	Ver Der Plank et al.	_		
	5	0	4	3	4	3	8	08/27/91	Buter			
	5	0	3	2	6	2	2	07/16/91	Herrington et al.			
	5	0	2	1	2	5	6	06/04/91	Guffey et al.			
	5	0	1	0	1	1	7	04/23/91	Herrington et al.			
	4	9	8	0	3	8	8	12/25/90	Herrington et al.			
Ecc	4	9	7	3	6	8	1	11/27/90	Watanabe			

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
	"Structure and Properties of Polyurethanes Based on Halogenated and Nonhalogentated Soy- Polyols," Zoran S. Petrovic, Andewa Guo, and Wei Zhang, Journal of Polymer Defences Part A: Polymer Chemistry, Vol 38, 4062-4069.

EXAMINER	ERMA CAMERON	DATE CONSIDERED	119	03
EXAMINER:	Initial if citation considered, whether or no	ot citation is in conformance	e wit	h MPEP 609; Draw line

through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Rev. 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. URE02 P-310	SERIAL NO.
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ECC	-	4	9	6	8	7	9	1	11/06/90	Van Der Plank	-		
		4	9	5	2	6	8	7	08/28/90	Bodor et al.			
		4	9	4	3	6	2	6	07/24/90	McGrath et al.			
		4	9	4	2	2	7	8	07/17/90	Sheinberg et al.			
		4	9	3	1	5	5.	2	06/05/90	Gibson et al.			
		4	9	1	3	9	5	8	04/03/90	Skaggs et al.			-
		4	8	6	1	8	0	3	08/29/89	Turner			
		4	8	5	3	2	8	0	08/01/89	Poteet			
		4	8	5	3	0	5	4	08/01/89	Turner et al.			
		4	8	4	3	1	3	8	06/27/89	Tazewell et al.			
		4	8	2	5	0	0	4	04/25/89	Rutzen et al.			
ECC		4	8	0	6	6	3	2	02/21/89	McCoy et al.			

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
	"Rigid Polymrethane Foams Based on Soybean Oil," Andrew Guo. Ivan Javni, and Zoran Petrovic, Journal of Applied Polymer Science, Vol. 77, pp 467-473.

EXAMINER	ERMA	CAMERON	DATE CONSIDERED	7	119/	03
EXAMINER: through cit applicant.	Initial if citation ation if not in con	considered, whether or not formance and not considered	citation is in conford	mance wi	th MPEP with nex	609; Draw line t communication to

FORM PTO-1449 U.S. DEFARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. URE02 P-310	SERIAL NO.
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80	C	4	7	9	8	8	4	9	01/17/89	Thomas et al.		_	
		4	7	4	5	1	3	7	88/ל17/88	Thomas et al.			
		4	7	4	5	1	3	6	05/17/88	Thomas et al.			
		4	7	4	5	1	3 .	5	05/17/88	Thomas et al.			
		4	7	4	0	3	6	7	04/26/88	Force et al.			
		4	7	3	4	4	5	5	03/29/88	Mobley et al.			
		4	7	0	1	4	7	5	10/20/87	Turner			
,		4	6	9	6	8	4	9	09/29/87	Mobley et al.			
		4	6	8	7	7	8	8	08/18/87	Hillshafer et al.			
		4	6	8	6	2	4	2	08/11/87	Turner et al.			
દ ૮	<u>c</u>	4	6	5	7	7	9	0	04/14/87	Wing et al.			

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
	 "Effect of Structure on Properties of Soy Based Polyols and Polyntethanes " Zoran S Petrovic, Andrew Guo, Ivan Javni, and Wei Zhang.

EXAMINER	ERMA	CAMERON	DATE CONSIDERED 7	19/03
EXAMINER:	Initial if citation	considered whether or no	t citation is in conforma	nce with MDFD 600. Draw line

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EXAMINER INITIAL		•		DO	CUM	ENT	NUI	MBER		DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
Ecc			4	6	4	2	3	2	0	02/10/87	Turner et al.			
			4	6	1	1	0	4	4	09/09/86	Meyer et al.			
			4	5	9	5	4	3	6	06/17/86	Walker et al.			
			4	5	8	5	8	0	4	04/29/86	Lancaster et al.			
			4	5	3	0	9	4	1	07/23/85	Turner et al.			
			4	5	1	8	7	7	2	05/21/85	Volpenhein			
			4	5	1	5	6	4	6	05/07/85	Walker et al.			
			4	5	1	2	8	3	1	04/23/85	Tillotson			
			4	4	9	6	7	7	9	01/29/85	Myers et al.			
٤	cc		4	4	9	6	7	7	8	01/29/85	Myers et al.			

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EC	<u> </u>	4	4	9	6	5	4	7	01/29/85	Kawashima et al.			
		4	4	8	3	8	9	4	11/20/84	Porter et al.			***
		4	4	0	5	3	9	3	09/20/83	Tillotson		-	
		4	З	9	3	2	5	3	07/12/83	Michaelson et al.			
		4	3	9	0	7	ß	9	06/28/83	Michaelson et al.			
		 4	3	7	6	1	7	1	03/08/83	Blount			
		4	3	7	5	5	2	1	03/01/83	Arnold			
		4	3	5	4	8	1	0	10/19/82	Stidham			
		4	3	3	4	0	6	1	06/08/82	Bossier, III			
800	2	4	3	1	4	0	8	8	02/02/82	Austin et al.			

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EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
ECC	4	2	9	6	1	5	9	10/20/81	Jenkines et al.			
	4	2	8	6	0	0	3	08/25/81	Higgins et al.			
	4	2	7	8	4	8	2	07/14/81	Poteet et al.			
	4	2	4	6	3	6	3	01/20/81	Turner et al.			
	4	1	8	5	1	4	6	01/22/80	Burke			
	4	1	7	1	3	9	5	10/16/79	Tillotson			
	4	1	1	6	9	8	7	09/26/78	Deno			
	4	0	7	6	6	7	9	02/28/78	Turner`			
La l	4	0	4	5	4	9	8	08/30/77	Deno			
Ecc	4	0	2	2	9	4	1	05/10/77	Prokai et al.			

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	3	9	9	1	1	2	6	11/09/76	Bacskai			
	3	9	8	5	8	1	4	10/12/76	Dougherty		-	
	3	9	6	3	6	9	9	06/15/76	Rizzi et al.	. ——		
	3	8	6	2	8	7	9	01/28/75	Barron et al.			
	3	8	4	6	4	7	8	11/05/74	Cummins			
	3	8	2	1	1	3	0	06/28/74	Barron et al.			
	3	7	7	8	2	0	5	12/11/73	Turner et al.			
	3	7	5	5	2	1	2	08/28/73	Dunlap et al.			
Ecc	3	6	3	9	3	1	2	02/01/72	Turner			

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Ecc		3	5	7	6	9	2	9	04/27/71	Turner et al.		-	
		3	5	3	5	1	5	6	10/20/70	Turner		<u> </u>	
		3	3	9	6	4	7	3	08/13/68	Turner			
		3	0	0	1	9	5	8	09/26/61	Schwarcman			
		2	8	3	3	7	3	0	05/06/58	Barthel			
		2	7	8	7	6	0	1	04/02/57	Detrick et al.			
		2	6	0	6	8	9	0	08/12/52	Polly et al.			
		2	5	6	9	2	0	6	09/25/51	Vogel			
		2	1	6	7	2	6	6	07/25/39	Kimball			
ECC		1	4	4	7	9	5	4	03/06/23	Webster			

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